

ATTACHMENT 8

8.0 QUALITY ASSURANCE

As mentioned in the statement of work, a qualified consultant will be used to complete the scope of work, which includes planned quality assurance checks of the technical work at various stages of the project. Multiple levels of QA/QC will be included throughout the preparation of the technical work products and development of the GWMP. The specific quality assurance activities include the following:

- The work will be performed by a consultant who is familiar with the hydrologic and hydrogeologic setting of the Banning Storage Units and knowledgeable of the ground water management activities currently being implemented for the area, and has extensive experience is constructing and using ground water and surface water models in practical ground water management application. The technical components will be peer reviewed by the consultant(s), qualified senior level staff that are not directly involved in the preparation of the work products.
- An independent technical review will be provided by City staff.
- The interim deliverables will also be provided to the Banning Storage Units GWAC prior to the six scheduled project meetings to facilitate review and discussion from project participants and Stakeholders.
- The Hydrologic Simulation Program – Fortran (HSPF) model used will be reviewed by the consultant(s).
- Art Vela, P.E., Senior Engineer of City of Banning, will provide an additional level of overall project quality assurance as well as practical knowledge and insight of the local conditions.

8.1. Resume Summary – Project Manager

Art Vela, P.E., Senior Engineer

Art Vela will act as Project Manager for the City. Mr. Vela graduated from California Polytechnic State University, Pomona with a Bachelor's degree in Civil Engineering and is currently completing a Master's degree program in Environmental Science, with an emphasis in water resources, from Cal State San Bernardino. Mr. Vela commenced his engineering career with Wilson and Company and later worked for RBF Consulting. As a Project Engineer for both companies, Mr. Vela assisted in the preparation of

hydrology and hydraulic studies and design of storm water retention facilities, grading, water, sewer and street improvement plans. Since the fall of 2005, Mr. Vela has worked for the City of Banning where he has managed approximately \$27 million in projects from design to the completion of construction. Many of the projects were funded by grants from various agencies such as the Federal Aviation Administration (FAA), CalRecycle, Riverside County Transportation Commission (RCTC), Federal Highway Administration (FHA), and Community Development Block Grant (CDBG). In addition to managing capital improvement projects he is directly involved with the City's National Pollution Discharge Elimination System permit for both stormwater and wastewater compliance, is managing the development of the City's Pre-Treatment Program and assisted in the development of the City's 2010 Urban Water Management Plan. Mr. Vela will continue to play an integral part in the development and implementation of the City's existing and future water resource projects.